

# Migrate multipath forwarding strategy to latest ndnSIM and integrate ns3 TrafficControlLayer

- Motivation and problem statement
    - Adaptive multipath forwarding is an important feature in NDN
    - Ns-3 provides an equivalent of the Linux Traffic Control infrastructure as TrafficControlLayer
    - However, latest ndnSIM is not providing any of these features
  - Tasks
    - Use ns3::TrafficControlLayer in ndn-net-device-transport module
    - Migrate Klaus code of multipath forwarding from ndnSIM 2.1 to ndnSIM 2.7
    - Integration tests with simple scenarios
  - Required knowledge for participants
    - C++, ndnSIM and ns3::TrafficControlLayer related modules
  - Expected outcome
    - A workable multipath forwarding strategy with an integrated traffic control layer tested in simple scenarios
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